(a) whether the Government are aware of the Potential for Power generation through wind Mills at Talacuvery in Kodagu District, in Karnataka;

(b) whether it is fact that the wind mills already set up there are not being operated; and

(c) if so; the steps proposed to be taken by the Government to make the wind Mills operative?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) to (c). Yes, Sir. Based on a study carried out by National Aeronautical Laboratory, Bangalore, a demonstration project for wind power generation was undertaken at Talacauvery in Kodagu district of Karnataka.

Efforts have been made to overcome the site-specific operational and grid problems. A task-force is being constituted to examine these problems and to suggest remedial measures to achieve satisfactory operation of the wind electric generators.

Mines/Metal Plants in States

3185. SHRIMATI MAHENDRA KUAMRI:
SHRI BALRAJ PASSI:
SHRIMATI RITA VERMA:
SHRI ANNA JOSHI:

Will the Minister of MINES be pleased to state:

(a) the details of mines in Gujarat, Rajasthan, Andhra Pradesh, Uttar Pradesh, Bihar and Maharashtra and the number of metal plants already set up there;

(b) whether the Union Government propose to expand these plants; and

(c) if so, the time bound programme thereof?

THE MINISTER OF STATE IN THE MINISTRY OF MINES (SHRI BALRAM SINGH YADAV): (a) The details of mines in the State of Gujarat, Rajasthan, Andhra Pradesh, Uttar Pradesh, Bihar and Maharashtra and the number of minerals based metal plants set up in these States are given in Statements I & II respectively.

(b) and (c). These plants have been set up by private sector entrepreneurs as well as Union and State Government companies. Some of these have plans for expansion of existing units as well as setting up of new units. The new steel plant at Vishakapatnam, which has recently gone into production, will have a final capacity of three million TPY. In Bihar the State Government company BSIDC are setting up a sponge iron unit at Chandil with a capacity of 1.5 lakh tonnes TPY. In Gujarat the new sponge iron plant of ESSAR Gujarat has gone into production. It will have a final capacity of eight lakh TPY. In Maharashtra a new copper wire rod plant of HCL with a capacity of 60000 TPY has commenced production. One sponge iron plant of 1.5 lakh TPY in private sector has also gone into production. Another sponge iron plant with six lakh TPY is under construction. In Rajasthan HZL has constructed a new Lead-Zinc smelter at Chanderiya with a capacity of 70,000 TPY Zinc metal and 35,000 TPY Lead metal. The Aluminium plant of HINDALCO in Uttar Pradesh has been expanded to 1.5 lakh TPY capacity.

STATEMENT-I

(Figures for 1990-91 (Provisional)

Minerals	Gujarat	Rajasthan	Andhra Pradesh	Uttar Pradesh	Bihar	Maharashtra
1	2	3	4	5	6	7
1. Bauxite	94	–	–	–	34	4
2. Manganese	–	–	16	–	5	11
3. Agate	5	•	–	–	–	–
4. Ball Clay	1	47	10	–	–	–
5. Calcite	1	–	–	–	–	–
6. Chalk	73	1	–	–	–	–
7. Clay (Others)	2	–	10	–	–	–
8. Dolomite	44	5	3	3	2	4
9. Felspar	1	83	12	–	7	–
10. Fireclay	61	26	11	–	28	2
11. Fluorite (Graded)	1	8	–	–	–	1
12. Fluorite Conc.	–	–	–	–	–	–

(Figures for 1990-91 (Provisional)

Minerals	Gujarat	Rajasthan	Andhra Pradesh	Uttar Pradesh	Bihar	Maharashtra
1	2	3	4	5	6	7
13. Graphite	–	–	5	–	1	–
14. Gypsum	4	30	–	1	–	–
15. Kaolin	39	41	19	–	20	5
16. Limestone	160	32	83	8	23	23
17. Calcareous	13	–	–	–	–	–
18. Ochre	4	11	9	–	1	2
19. Quartz	4	110	53	–	79	4
20. Silica Sand	45	60	18	35	3	34
21. Steatite	2	166	22	7	3	–
22. Vermiculite	1	1	6	–	–	–
23. Perlite	1	–	–	–	–	–
24. Diatomite	4	–	–	–	–	–
25. Laterite	2	2	9	–	–	2

(Figures for 1990-91 Provisional)

Minerals	Gujarat	Rajasthan	Andhra Pradesh	Uttar Pradesh	Bihar	Maharashtra
1	2	3	4	5	6	7
26. Chromite	–	–	1	–	–	–
27. Iron Ore	–	11	21	–	31	10
28. Corundum	–	1	7	–	–	4
29. Diaspore	–	–	–	7	–	–
30. Kyanite	–	1	–	–	4	8
31. Sillimanite	–	–	–	–	–	2
32. Pyrophyllite	–	9	–	9	–	1
33. Sand (Others)	–	–	6	–	–	8
34. Shale	–	–	5	–	–	1
35. Copper Ore	–	4	1	–	5	–
36. Gold	–	–	2	–	–	–
37. Lead (Ore)	–	4	1	–	–	–
38. Silver	–	–	–	–	–	–

(Figures for 1990-91 Provisional)

Minerals	Gujarat	Rajasthan	Andhra Pradesh	Uttar Pradesh	Bihar	Maharashtra
1	2	3	4	5	6	7
39. Apatite	–	–	1	–	–	–
40. Asbestose	–	16	11	–	–	–
41 Barytes	–	11	26	–	–	–
42. Calcite	–	12	3	–	–	–
43. Granite (Abrasive)	–	7	5	–	–	–
44. Lime Kankar	–	–	11	–	–	–
45. Lime Shall	–	–	4	–	–	–
46. Mica Waste	–	34	48	–	53	–
47. Mica Waste and Craps	–	–	–	–	–	–
48. Fuch. Quartezete	–	–	1	–	–	–
49. Slate	–	–	5	–	–	–
50. Pyrites	–	1	–	–	1	–

(Figures for 1990-91 Provisional)

Minerals	Gujarat	Rajasthan	Andhra Pradesh	Uttar Pradesh	Bihar	Maharashtra
1	2	3	4	5	6	7
51. Quartzite	–	7	–	4	–	–
52. Tuagaten Conc.	–	2	–	–	–	–
53. Zino Conc.	–	–	–	–	–	–
54. Phosphorite	–	7	–	4	–	–
55. Garnite (Cem)	–	–	–	–	–	–
56. Jasper	–	24	–	–	–	–
57. Magnesite	–	–	–	4	–	–
58. Wollastonite	–	2	–	–	–	–
59. Sulphur	–	–	–	-	-	–

STATEMENT–II

Mineral based Metal plants and their capacity

S.No.	Industry	No. of Units	Installed Capacity (tpy)
1.	*ANDHRA PRADESH*		
	Ferro-Manganese	1	45,000
	Lead ingot	1	22,000
	Zinc ingot		30,000
	Ferro-Sillicon & other		
	Ferro-alloys	3	47,500
	Sponge iron	1	60,000
2.	*BIHAR:*		
	Alumina	1	75,000
	Copper (blister)	1	16,500
	Lead	1	8,000
	Steel ingots	2	5.49 million
3.	*GUJARAT:*		
	Ferro-alloys	1	300

S.No.	Industry	No. of Units	Installed Capacity (tpy)
4.	*MAHARASHTRA:*		
	Electrolytic manganese	2	2,500
	dioxide		+ 700
	Alloy steel	2	81,000
	Ferro-manganese	4	206,000
	Silic-manganese	1	15,000
5.	*RAJASTHAN:*		
	Copper smelter	1	31,000
	Zinc smelter	1	49,000
(with 250 tonnes of cadmium meteral & 6.8 tonnes of silver)			
6.	*UTTAR PRADESH:*		
	Aluminium metal	1	120,000
	Ferro alloys	1	300